

**Abstract**

**INTELLIGENT MEDIA READER AND LABEL PRINTER**

A hand-held portable reader and labeling device for interrogating data storage cartridges of the type containing an in-built memory chip having information stored describing details of data contained on the data storage medium is disclosed. The reader-labeling device comprises a processor, random access memory, printer, display, keypad, operating system, transponder, receiver and battery power supply. By scrolling a menu display, key parameters describing a data cartridge can be accessed quickly and efficiently without the need to access the data storage medium itself. A cartridge media specific label may be rapidly printed for attachment to a data storage cartridge.

**Fig. 2**

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